

*CLAIM AMENDMENTS*

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1. (Previously Presented) An ink-jet recording medium comprising a substrate having a glossy coating thereon, the glossy coating comprising fumed alumina particles and a binder, wherein the fumed alumina particles have a surface area of about 30-80 m<sup>2</sup>/g, and the glossy coating has a 75° specular gloss of about 15% or more.

2. (Previously Presented) The ink-jet recording medium of claim 1, wherein the substrate comprises a polymer or cellulose paper.

3. (Previously Presented) The ink-jet recording medium of claim 1, wherein the substrate comprises poly(ethylene terephthalate).

4. (Canceled).

5. (Currently Amended) The ink jet recording medium of claim 1, wherein the fumed alumina particles comprise aggregates of primary particles, and the aggregates have a mean diameter of about 1 µm or less.

6. (Canceled).

7. (Previously Presented) The ink-jet recording medium of claim 1, wherein the alumina to binder ratio is about 2:1 by weight or more.

8-28. (Canceled).

29. (Currently Amended) The ink-jet recording medium of claim 5, wherein the fumed alumina particles comprise aggregates of primary particles, and the aggregates have a mean diameter of about 80-300 nm.

30. (Currently Amended) The ink-jet recording medium of claim 29, wherein the fumed alumina particles comprise aggregates of primary particles, and the aggregates have a mean diameter of about 100-200 nm.

31-32. (Canceled).

33. (Previously Presented) The ink-jet recording medium of claim 1, wherein the fumed alumina particles have a surface area of about 40-60 m<sup>2</sup>/g.

34-43. (Canceled).

44. (Previously Presented) The ink-jet recording medium of claim 7, wherein the alumina to binder ratio is about 7:1 by weight or more.

45. (Previously Presented) The ink-jet recording medium of claim 44, wherein the alumina to binder ratio is about 9:1 by weight or more.

46. (Previously Presented) The ink-jet recording medium of claim 1, wherein the glossy coating has a 75° specular gloss of about 65% or more.

47. (Previously Presented) The ink-jet recording medium of claim 1, wherein the glossy coating has a total mercury intrusion volume of about 0.3 ml/g or more.

48. (Previously Presented) The ink-jet recording medium of claim 47, wherein the glossy coating has a total mercury intrusion volume of about 0.8 ml/g or more.

49-57. (Canceled).

58. (New) The ink-jet recording medium of claim 5, wherein at least about 80% of the aggregates have a mean diameter of about 1 μm or less.

59. (New) The ink-jet recording medium of claim 58, wherein at least about 90% of the aggregates have a mean diameter of about 1 μm or less.

60. (New) The ink-jet recording medium of claim 1, wherein the fumed alumina particles comprise aggregates of primary particles, and the primary particles have a mean diameter of about 1-100 nm.

61. (New) The ink-jet recording medium of claim 60, wherein the primary particles have a mean diameter of about 1-80 nm.

62. (New) The ink-jet recording medium of claim 61, wherein the primary particles have a mean diameter of about 1-50 nm.

63. (New) The ink-jet recording medium of claim 62, wherein the primary particles have a mean diameter of about 5-40 nm.

64. (New) The ink-jet recording medium of claim 60, wherein at least about 80% of the primary particles have a mean diameter of about 1-100 nm.

65. (New) The ink-jet recording medium of claim 61, wherein at least about 80% of the primary particles have a mean diameter of about 1-80 nm.

66. (New) The ink-jet recording medium of claim 62, wherein at least about 80% of the primary particles have a mean diameter of about 1-50 nm.

67. (New) The ink-jet recording medium of claim 63, wherein at least about 80% of the primary particles have a mean diameter of about 5-40 nm.

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